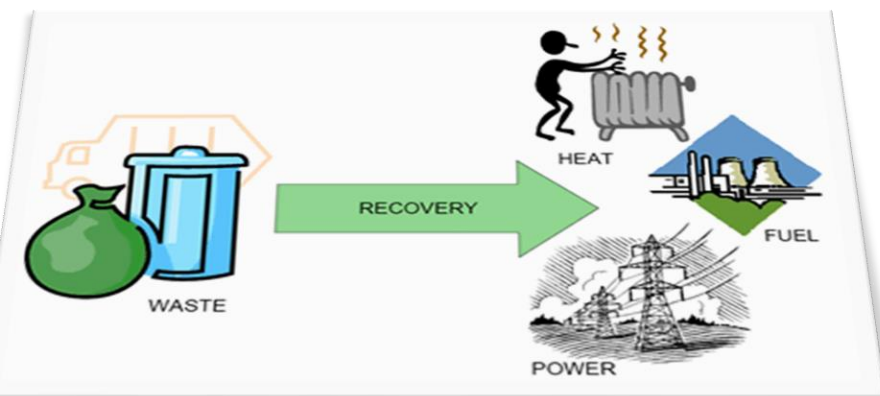
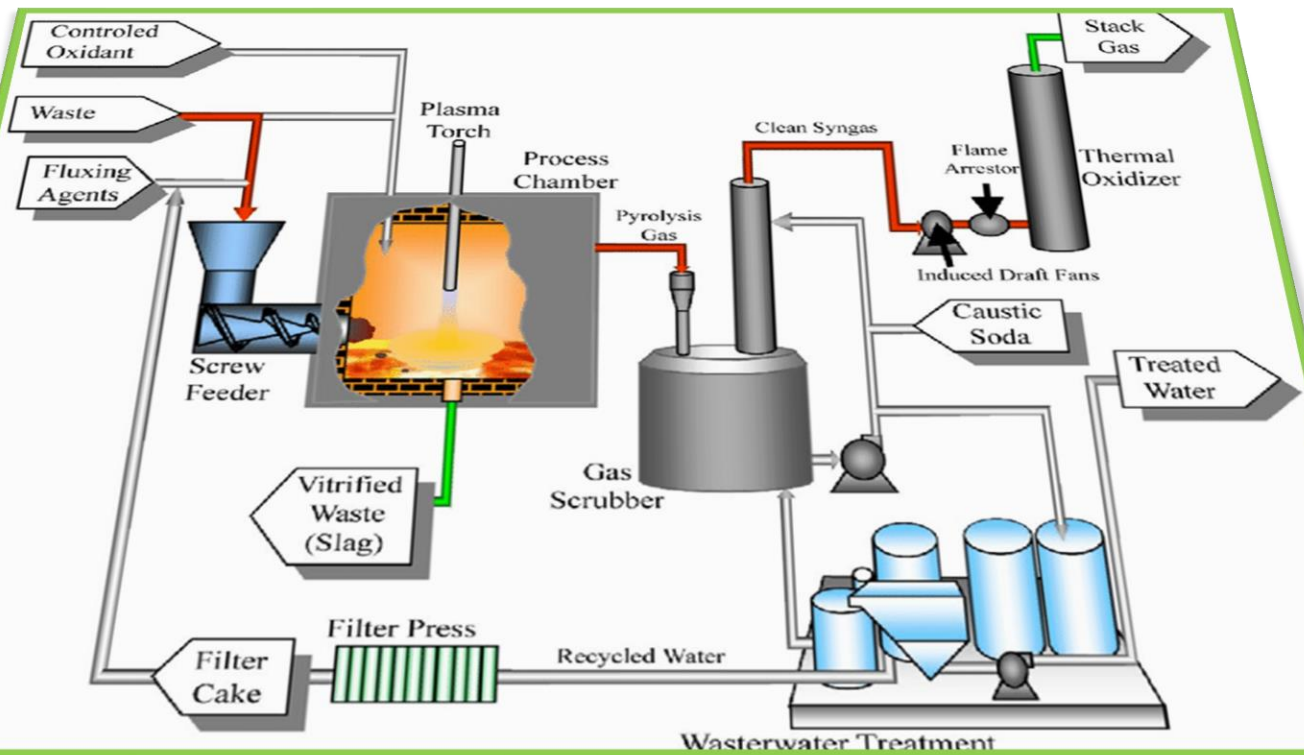


PLASMA PYROLYSIS SYSTEM

Waterman Engineers Australia offers scrubbers for controlling air pollution, which are used in industrial operations to remove dangerous pollutants such as sulfur dioxide, nitrogen oxides, and particulate matter from exhaust gases before releasing them into the atmosphere.



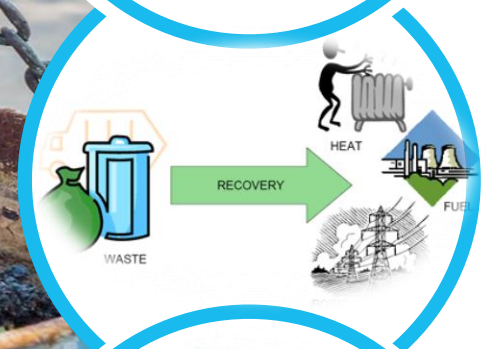
Steps Involves

- Waste Preprocessing:
- Plasma Generation:
- Plasma Reactor:
- Decomposition and Transformation:
- Product Recovery:



Advantages Over Traditional Incineration

- It can effectively handle a wide range of waste types, including hazardous and non-recyclable materials.
- The high temperatures of plasma pyrolysis can break down complex organic compounds, including persistent organic pollutants (POPs), into simpler and less harmful forms.
- Additionally, the process generates energy-rich products like syngas, which can be used to produce electricity or heat.



Types of Waste.

- Biomedical Waste:
- Petrochemical Waste:
- Chemical Waste:
- Pesticide Waste:
- Pharmaceutical Waste:
- Industrial Wastes:

